IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Katherine Barabash, Yoav Ossia and Erez Petrank

Serial No.:

To be Assigned

Group No. To be Assigned

Filed:

Herewith

Examiner: To be Assigned

For: Mostly Concurrent Garbage Collection

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

| Express Mail Label Number_ | EV 309868508 US |
|----------------------------|-----------------|
| Date of DepositJuly | 23, 2003 |
| | |

I hereby certify that the attached paper or fee

- 1. Acknowledgment Post Card;
- 2. Application Transmittal Sheet (in duplicate);
- 3. Application with signed Declaration attached:
- 4. Set of seven (7) Formal Drawings; and
- 5. Power of Attorney

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

> Michelle Parra (Name)

Note: Each paper must have its own certificate and the "Express Mail" label number as a part thereof or attached thereto. When, as here, the certification is presented on a separate sheet, that sheet must (1) be signed and (2) fully identify and be securely attached to the paper or fee it accompanies. Identification should include the serial number and filing date of the application as well as the type of paper being filed, e.g. complete application, specification and drawings, responses to rejection or refusal, notice of appeal, etc. If the serial number of the application is not known, the identification should include at least the name of the inventor(s) and the title of the invention.

The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail". Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.





Mail Stop <u>Patent Application</u>
COMMISSIONER FOR PATENTS
P.O. Box 1450'
Alexandria, VA 22313-1450

DOCKET NO. <u>IL920030014US1</u>
Date: <u>July 23, 2003</u>

Sir

Transmitted herewith for filing is the Patent Application of:

Express Mail Label: EV 309868508 US Date of Deposit: 23 July 2003

Inventors: Katherine Barabash, Yoav Ossia and Erez Petrank

ASSIGNEE NAME: International Business Machines Corporation ASSIGNEE RESIDENCE: Armonk, New York

For: Mostly Concurrent Garbage Collection

Enclosed are:

| | _ | | _ | | _ |
|---|---|--------|----|--------|----------|
| X | 7 | Sheets | Λf | Formal | Drawings |

An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504.

A certified copy of a _____ application, dated _____, no. ____

X Executed Declaration and Power of Attorney is attached to the application.

X ___ Power of Attorney.

____ Information Disclosure Statement with form PTO-1449 with references attached.

The filing fee has been calculated as shown below:

| | (Col. 1) | (Col. 2) | | |
|------------------------------------|-----------|-----------|--|--|
| FOR: | NO. FILED | NO. EXTRA | | |
| BASIC FEE | | | | |
| TOTAL CLAIMS | 46 - 20 = | 26 | | |
| INDEP CLAIMS | 11 - 3 = | 8 | | |
| MULTIPLE DEPENDENT CLAIM PRESENTED | | | | |

OTHER THAN A SMALL ENTITY

| | R. | ATE | | FEE |
|---|----|-----|---------|----------------|
| | | | 1111111 | \$ 750.00 |
| Х | \$ | 18 | = | \$ 468.00 |
| Х | \$ | 84 | = | \$ 924.00 |
| + | \$ | 280 |)= | \$ 0.00 |
| | | TOT | CAL | \$ 2,142.00 |

If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

- \underline{x} Please charge my Deposit Account No. $\underline{09-0468}$ in the amount of \$2,142.00
- \underline{x} The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 09-0468. A duplicate copy of this sheet is enclosed.
 - x Any additional filing fees required under 37 CFR 1.16.
 - x Any patent application processing fees under 35 CFR 1.17.

Respectfully submitted,

Stephen C. Kaufman

Registration No.: 29,551

Tel. (914) 945-3197

IBM CORPORATION
INTELLECTUAL PROPERTY LAW DEPT.
P.O. BOX 218
YORKTOWN HEIGHTS, NY 10598

Fax: 914-945-3281